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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/747,108	12/21/2000	Lalitha Agnihotri	US 000391	1487

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PHILIPS ELECTRONICS NORTH AMERICAN CORP
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TARRYTOWN, NY 10591

EXAMINER

USTARIS, JOSEPH G

ART UNIT	PAPER NUMBER
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2611

DATE MAILED: 04/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/747,108

Applicant(s)

AGNIHOTRI ET AL.

Examiner

Joseph G Ustaris

Art Unit

2611

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 3.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Specification

1. The abstract is objected to because of the following informalities:
 - The abstract exceeds the maximum word length of 150 words. Please revise the abstract's contents in order to meet the proper format of an abstract.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 4-6, 8, 9, 12-14, 16, 17, 20-22, 24, 25, 28-30, and 32-34 are rejected under 35 U.S.C. 102(e) as being anticipated by Ahmad et al. (US006263507B1).

Regarding claim 1, Ahmad et al. (Ahmad) discloses a control device and system controller or "multimedia summary generator" for use in electronic devices such as televisions, a computer display monitor, or "video display system" (See column 1 lines 10-20 and column 2 lines 60-67). The control device and system controller is able to summarize multiple television news programs or "video programs" within a graphical user interface (GUI) or "multimedia summary on a display page" (See Fig. 2A and 2B;

column 4 lines 40-60). The control device and system controller displays the summary of the television news broadcasts within the GUI via television and/or a computer display monitor (See Fig. 1, 2A, and 2B). The GUI displays news programs that have different news stories or "topics" and each video images represents a news story within the GUI (See Fig. 2A and 2B; column 23 lines 30-50). Furthermore, Ahmad discloses an information map region, within the GUI, where the user can easily move freely among different news stories of the news program or "entry point that corresponds to... topic". Each row allows the user to jump from one news story to another or "in response to a selection by a viewer" and would display the associated video images and text or "portion of said video program" related to that story (See Ahmad Fig. 2A and 2B; column 16 lines 3-55).

Claim 4 contains the limitations of claim 1 and is analyzed as previously discussed with respect to that claim. Wherein, the control device and system controller is also known as the "speaker visualization unit" and the GUI as discussed in claim 1 above is also known as a "speaker visualization page" where the GUI list various news stories or also known as "category", represented by video images or "audio-visual segment", from different news programs. Furthermore, the information map region defines where the news stories are located with respect to the whole news program or "a time when...at least one category of audio-visual segment is occurring during said video program". As discussed in claim 1, the information map region allows the user to select which news story they want to view (See Ahmad Fig. 2A and 2B; column 16 lines 3-55).

Regarding claim 5, the news stories discussed in claims 1 and 4 are also known as “topics”. Furthermore, the information map region also defines where breaks occur between news stories, wherein the breaks are occupied by advertisements or “a commercial message” (See column 16 lines 30-40).

Claim 6 contains the limitations of claim 4 and is analyzed as previously discussed with respect to that claim. Furthermore, the control device and system controller executes this process, where inherently it is capable of executing computer instructions within a memory coupled thereto.

Regarding claim 8, the control device and system controller acquires or “records” news programs, which the process is controlled by the user or “selected by said viewer” (See Fig. 1 and column 10 lines 40-50). Furthermore, the control device and system controller acquires secondary information or “locating additional information” that is related to the news programs and news stories and presents the secondary information to the user or “notifying the viewer of said additional information” (See Fig. 2A and 2B; column 10 lines 10-20 and column 18 line 50 – column 19 line 15).

Claim 9 contains the limitations of claim 1 (wherein the control device and system controller are embodied along with a television, a computer display monitor, or “video display system”) and is analyzed as previously discussed with respect to that claim.

Claim 12 contains the limitations of claim 1 and 4 (wherein the control device and system controller are embodied along with a television, a computer display monitor, or “video display system”) and is analyzed as previously discussed with respect to those claims.

Claim 13 contains the limitations of claims 5 and 12 and is analyzed as previously discussed with respect to those claims.

Claim 14 contains the limitations of claims 6 and 12 and is analyzed as previously discussed with respect to those claims.

Claim 16 contains the limitations of claims 8 and 9 and is analyzed as previously discussed with respect to those claims.

Claim 17 contains the limitations of claim 1 (wherein the system performs the method) and is analyzed as previously discussed with respect to that claim.

Claim 20 contains the limitations of claim 1 and 4 (wherein the system performs the method) and is analyzed as previously discussed with respect to those claims.

Claim 21 contains the limitations of claims 5 and 20 and is analyzed as previously discussed with respect to those claims.

Claim 22 contains the limitations of claims 6 and 20 and is analyzed as previously discussed with respect to those claims.

Claim 24 contains the limitations of claims 8 and 17 and is analyzed as previously discussed with respect to those claims.

Claim 25 contains the limitations of claim 1 and is analyzed as previously discussed with respect to that claim. Furthermore, Ahmad discloses that the process can be executed via instructions within a computer readable medium encoded with one or more computer programs (See column 5 lines 5-10).

Claim 28 contains the limitations of claim 1 and 4 and is analyzed as previously discussed with respect to those claims. Furthermore, Ahmad discloses that the process

can be executed via instructions within a computer readable medium encoded with one or more computer programs (See column 5 lines 5-10).

Claim 29 contains the limitations of claims 5 and 28 and is analyzed as previously discussed with respect to those claims.

Claim 30 contains the limitations of claims 6 and 28 and is analyzed as previously discussed with respect to those claims.

Claim 32 contains the limitations of claims 8 and 25 and is analyzed as previously discussed with respect to those claims.

Claim 33 contains the limitations of claim 20 and is analyzed as previously discussed with respect to that claim. Furthermore, the GUI displays the news programs and the different news stories associated with the news programs in a row format or "two types of information in a two dimensional format" (See Fig. 2B element 212).

Claim 34 contains the limitations of claim 20 and is analyzed as previously discussed with respect to that claim. Furthermore, the GUI displays the news programs, the different news stories associated with the news programs, and the time duration of each news program and news story in a row format or "three types of information in a three dimensional format" (See Fig. 2B element 212).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2, 3, 7, 10, 11, 15, 18, 19, 23, 26, 27, 31, and 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ahmad et al. (US006263507B1) in view of Liou et al. (US006580437B1).

Regarding claim 2, Ahmad et al. (Ahmad) discloses a control device and system controller or "multimedia summary generator" for use in electronic devices such as televisions, a computer display monitor, or "video display system" (See column 1 lines 10-20 and column 2 lines 60-67). The control device and system controller is able to summarize multiple television news programs or "video programs" within a graphical user interface (GUI) or "multimedia summary on a display page" (See Fig. 2A and 2B; column 4 lines 40-60). The control device and system controller displays the summary of the television news broadcasts within the GUI via television and/or a computer display monitor (See Fig. 1, 2A, and 2B). The GUI displays news programs that have different news stories or "topics" and each video images represents a news story within the GUI (See Fig. 2A and 2B; column 23 lines 30-50). Furthermore, Ahmad discloses an information map region, within the GUI, where the user can easily move freely among different news stories of the news program or "entry point that corresponds to... topic". Each row allows the user to jump from one news story to another or "in response to a selection by a viewer" and would display the associated video images and text or "portion of said video program" related to that story (See Ahmad Fig. 2A and 2B; column 16 lines 3-55). However, Ahmad lacks a feature where the system can identify a subtopic and an entry point related to the subtopic.

Liou et al. (Liou) discloses a system for organizing videos based on closed-caption information. The system constructs a video table of contents. The system builds a tree defining the different stories or "topics" and the different speakers or "subtopics" associated with the stories. The system breaks the video up according to the closed-caption data and the tree is made up of video shots and text that are associated with each story and speaker (See Fig. 5, 6, and 9; column 1 lines 20-30, column 2 lines 40-65, column 6 lines 35-55, column 7 lines 30-60). Furthermore, Liou discloses that the organized tree of the video table of contents allows users to jump directly to different speakers or "entry point that corresponds to one subtopic" and that the video corresponding to a speaker or story is displayed based on the selection of the user (See Fig. 8 and 9; column 7 lines 30-45). Therefore, it would have been obvious to one with ordinary skill in the art at the time the invention was made to modify the control device and system controller disclosed by Ahmad to identify speakers or "subtopics" within a news story and provide an "entry point" related to the speakers, as taught by Liou, in order to provide a more informative, detailed, and easy access summary of the news program for the user.

Claim 3 contains the limitations of claims 1 and 2 and is analyzed as previously discussed with respect to those claims. Furthermore, the information map region displays multiple news stories or "plurality of topics" (See Ahmad Fig. 2A and 2B) where the user can move freely from one news story to another as discussed in claim 1. In addition, Liou discloses that the system lists multiple speakers or "plurality of subtopics"

(See Liou Fig. 8 and 9) within a story where the user can also move freely from one speaker to another as discussed in claim 2.

Claim 7 contains the limitations of claims 2 and 4 and is analyzed as previously discussed with respect to those claims. Furthermore, Liou discloses that the system identifies individual speakers within a story (See Liou column 6 lines 40-55) and displays within a tree the times when each speaker is speaking or "plurality of time segments that show when each speaker...is speaking" (See Fig. 8 and 9). The video corresponding to a speaker is displayed based on the selection of the user made within the tree (See Fig. 8 and 9; column 7 lines 30-45).

Claim 10 contains the limitations of claims 2 and 9 and is analyzed as previously discussed with respect to those claims.

Claim 11 contains the limitations of claims 3 and 9 and is analyzed as previously discussed with respect to those claims.

Claim 15 contains the limitations of claims 7 and 12 and is analyzed as previously discussed with respect to those claims.

Claim 18 contains the limitations of claims 2 and 17 and is analyzed as previously discussed with respect to those claims.

Claim 19 contains the limitations of claims 3 and 17 and is analyzed as previously discussed with respect to those claims.

Claim 23 contains the limitations of claims 7 and 20 and is analyzed as previously discussed with respect to those claims.

Claim 26 contains the limitations of claims 2 and 25 and is analyzed as previously discussed with respect to those claims.

Claim 27 contains the limitations of claims 3 and 25 and is analyzed as previously discussed with respect to those claims.

Claim 31 contains the limitations of claims 7 and 28 and is analyzed as previously discussed with respect to those claims.

Claim 35 contains the limitations of claim 20 and is analyzed as previously discussed with respect to that claim. Furthermore, the GUI displays the news programs, the different news stories associated with the news programs, the time duration of each news program and news story, and each speaker associated with each news story as shown by Liou or "at least four types of information" (See Ahmad Fig. 2B element 212; Liou Fig. 8 and 9). In addition, Official Notice is taken that it is well known to display information on at least two display pages or GUIs or "speaker visualization pages". Therefore it would have been obvious to one with ordinary skill in the art at the time the invention was made to modify the control device and system controller disclosed by Ahmad in view of Liou to be able to display information on at least two display pages in order to efficiently display an extra amount information in an organized and easy to read fashion.

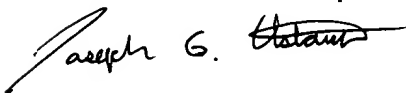
Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Please take note of Lawler et al. (US005907323A) for his similar method of displaying a program summary panel.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph Ustaris whose telephone number is (703) 305-0377. The examiner can normally be reached on Monday-Friday with alternate Fridays off from 7:30 A.M. to 5:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Faile, can be reached on (703) 305-4380. The fax phone number for this Group is (703) 872-9306.

Any inquiry of general nature or relating to the status of this application or proceeding should be directed to the Group Receptionist whose telephone number is (703) 305-4700.



JGU
April 2, 2004



VIVEK SRIVASTAVA
PRIMARY EXAMINER